Approved for use inrough 07/31/2003. UMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	no persons are required to respon	nd to a collec	ALION OF MANON					}	
der the Paperwork Reduction Act of 19	550; 110 pc	Attorne	y Docke	t No.				- 5	
UTILI	Hon, Day								
PATENT APP	LICATION	Filst III	2	itions	Of Oak Bark	Extrac	t, Rel	ateu	
TRANSM	ITTAL	11119			1 4 - 4 7 7	17802	US		
		Expres	s Mail L	abel N				40]
Only for new nonprovisional appli	cations under or contract	140/	DRESS	TO.	Mail Stop Pater Commissioner	101 Lateura		.00	
APPLICATION	ELEMENTS	1			Alexandiia, vr	22313-14	50		
AREA charter 600 concerning	utility patent application contents	·	CD-F	ROM or	CD-R in duplica	ate, large	table o)r	
		٠٠ لـ		-	ogram (Append mino Acid Seq	31 X 1			
(Submit an original and a bupillation)	41 10- 1	8. N	is annlingh	NA AU III	30623011)				
See 37 CFR 1.27.	1 4 = 1		Co	mputer	Readable Form	(CRF)			
Specification Specification	h helow)	a. b.	السيا	Snecifica	tion Sequence Li	sting on:			
Specification (preferred arrangement set forth - Descriptive title of the	invention	U.	i [C	-ROM or CD-R	R (2 copie	es); or		
- Cross Reference to N	Fed sponsored R & D		ي ،، <u>.</u>] ب	<u> </u>	per .				
- Statement Regarding - Reference to sequence	e listing, a table,			· Hotomer	ts verifying ide	ntity of al	bove co	pies.	
or a computer program	vention	(<u>. [] </u>	laterior	NYING APPI	LICATI	ON P	ARTS	4
- Background of the in-	Invention	-	ACCC	MPAI	nt Papers (cove	er sheet	& docui	ment(s))	
- Brief Summary of the - Brief Description of the - Detailed Description	10 5.4	(9. A	ssignme	3.73(b) Stateme	ent [✓		
Claim(s)		1	0.1X1	whon the	ere is an assign	166)		torney	
- Abstract of the Disch	osure	, !		-nalish	Translation Doc	ument (if	applica	able) opies of IDS	
	C. 113) [Total Sheets	1,	المستنيا	-format	ion Disclosure		,	tations	
7. Lancer	[Total Pages]]	12.	Stateme	nt (IDS)/PTO-1	443			
5. Oath or Declaration			13.	Prelimin	nary Amendmer Receipt Postca	n rd (MPEF	> 503)		
a. Newly executed	(original or copy) or application (37 CFR 1.63 (d)) Adjuisional with Box 18 completed	,							
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/UIVIOIOITO	"	[Certifie	d Copy of Priori	ity Docum nimed)	nenus)		- 1
	U OF INVENTURIO	1	15						5
	ent attached deleting inventor(s) prior application, see 37 CFR		16.	4. 1/01/0	ついひ ひかかりにおひし	ווועסו סייט	ich torn	A P I O/SD/S	"
1,63(d)(2) and	1 1.33(b).		~	or its e	Attorney:	(C)			
r Data Sh	neet. See 37 CFR 1.76		17.	Other:			first se	ntence of ti	ne,
	into hay 8	and supply I	the requis	ite inforr	nation below at	ng in the	inat so	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
18. If a CONTINUING APPLICA	in an Application Data Sheet under S	37 CFR 1.76	:	or applicat	100 No	716/8	90		
enacification tollowing the title	Continuation-In-De	IT (CIF)	O, P.			าออ	4		
Continuation	Examiner Patten		ior applica	tion, fro	m which an oath	or declar	ation is	, supplied ur ed by refere	nce.
Prior application information.	Examiner Patten NAL APPS only: The entire disclos the disclosure of the accompanying parties are the properties of the disclosure of the accompanying the disclosure of the disclosure of the accompanying the accompanying the disclosure of the accompanying the disclosure of the accompanying the accompanying the disclosure of the accompanying the disclosure of the accompanying the accompanying the ac	ure of the pr continuation	n or divisi	onal app	lication and is no	cation pa	rts.		
Box 5b, is considered a part of t	NAL APPS only: The entire disclos the disclosure of the accompanying blied upon when a portion has been 19. CORRE	inadvertent	or ADDP	ESS				<u></u>	
The incorporation can one	19, CORRE	SPONDEN	CE AUDIO					ddress below	
					or	,			
Customer Number									
	Paul E. Hodges								
Name	Pitts & Brittian, P.C.								205
Address	P.O. Box 51295		State	TN		Zip C	ode	37950-12	010
	Knoxville		+		-584-0105	Fa	x	865-584	-010
City	1	leiet	phone				20.0	70	
City	United States					.// ~~~~	, <i>)</i> ; , ~	I Z	
City Country			Regis	stration	No. (Attorney	//Agent)	20,9	- 1	
Country (Print/Type)	Paul E. Hodges Paul E. Hodges Jack E. Hodges paired by 37 CFR 1.53(b). The information is rule and 37 CFR 1.14.	0			į.	Date	X/	13/05	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to fite (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and supplication. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and supplication. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and an application of time you require to complete this submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this submitted to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this submitted to take 12 minutes to complete, including gathering, preparing, and application to the USPTO time will vary depending upon the individual case. Any comments on the amount of time you require to complete this application to time you require to complete this confidence to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this application to time you require to complete this confidence to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete the publication to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete the publication to the USPTO. Time will vary depending upon the individual case. Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Express Mail Number: EV 317317802 US
Docket Number: 29290.01

PTO/SB/17 (05-03) Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$) 375

spond to a collection of inic	ormation unless it displays a valid OMB control number.
C	omplete if Known
Application Number	
Filing Date	
First Named Inventor	Hon, David S. et al;
Examiner Name	
Group Art Unit	
Attorney Docket No.	29290.01

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
Check Credit card Money Other None	3. ADDITIONAL FEES						
Deposit Account:	Large Entity Small Entity Fee Fee Fee Fee Foo Description	5 5					
Deposit Account.	Code (\$) Code (\$)	Fee Paid					
Account 16-1910	1051 130 2051 65 Surcharge - late filing fee or oath						
Number Deposit	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.						
Account Pitts & Brittian, P.C.	1053 130 1053 130 Non-English specification						
The Commissioner is authorized to: (check all that apply)	1812 2,520 1812 2,520 For filing a request for ex parte reexamination						
Charge fee(s) indicated below Credit any overpayments	* De pure ation exhibitentian of CID exicute						
Charge any additional fee(s) during the pendency of this application	1804 920 1804 920 Requesting publication of SIR prior to						
Charge fee(s) indicated below, except for the filing fee, to the above-identified deposit account.	1805 1,840 1805 1,840 Requesting publication of SIR after Examiner action						
FEE CALCULATION	1251 110 2251 . 55 Extension for reply within first month						
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1252 410 2252 205 Extension for reply within second month						
1. BASIC FILING FEE Large Entity Small Entity	1253 930 2253 465 Extension for reply within third month						
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	1254 1,450 2254 725 Extension for reply within fourth month						
1001 750 2001 375 Utility filing fee 375	1255 1,970 2255 985 Extension for reply within fifth month						
1002 330 2002 165 Design filing fee	1401 320 2401 160 Notice of Appeal						
1003 520 2003 260 Plant filing fee	1402 320 2402 160 Filing a brief in support of an appeal						
1004 750 2004 375 Reissue filing fee	1403 280 2403 140 Request for oral hearing						
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding						
SUBTOTAL(1) (\$) 375	1452 110 2452 55 Petition to revive - unavoidable						
	Petition to revive - unintentional						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from	1501 1,300 2501 650 Utility issue fee (or reissue)						
Extra Claims below Fee Paid Total Claims 10 -20** = 0 x 9 = 0	1502 470 2502 235 Design issue fee						
Total Claims 10 -20** = 0 x 9 = 0 Independent 2 3** = 0 x 42 = 0	1503 630 2503 315 Plant issue fee						
Claims 2	1460 130 1460 130 Petitions to the Commissioner						
Wurtiple Dependent	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)						
	1806 180 1806 180 Submission of Information Disclosure Stmt						
Large Entity Small Entity Fee Description Fee Fee Fee Fee Code (2)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)						
Code (\$) Code (\$) Claims in excess of 20 1202 18 2202 9 Independent claims in excess of 3	1809 750 2809 375 (37 CFR 1. 1 29(a))						
1201 84 2201 42 Multiple dependent claim, if not paid	1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b))	} '					
1203 280 2203 140 ** Reissue independent claims	1801 750 2801 375 Request for Continued Examination (RCE)						
1204 84 2204 42 over original patent							
Reissue claims in excess of 20 1205 18 2205 9 and over original patent	1802 900 1802 900 Request for expedited examination of a design application						
SUBTOTAL (2) (\$) 0	Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	0					
SUBMITTED BY	Complete (if applicable)						
Marca (Dept (Type))	Registration No. 20.070 Tolophono (OCE) EQ.						

Name (Print/Type) Paul E. Hodges Registration No. (Attorney/Agent) 20,972 Telephone (865)584-0105

Signature Date 08/13/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CIFIR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CIFIR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.